



What You Need to Know About Asbestos

A Regulatory Summary for Contractors and Building Owners

Bureau of Air Management February 2006

This document contains general requirements for inspection and handling of asbestos during the **demolition and renovation of buildings** in Wisconsin. This document should be used only as an interpretation guide and not as a substitute for the rule itself. The Wisconsin DNR is delegated authority to enforce the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP), which has been in place since 1973, by the U.S. Environmental Protection Agency. See Chapter NR 447 of the Wisconsin Administrative Code and Notification Form 4500-113 on the DNR Asbestos Program website; <http://www.dnr.state.wi.us/org/aw/air/reg/asbestos/>. For additional information on hazards present in buildings see the Pre-Demolition Environmental Checklist at; <http://www.dnr.state.wi.us/org/aw/wm/publications/demolition/predemo.pdf>

General Requirements:

Note: All underlined terms are defined on the back of this document.

INSPECT

- All affected parts of a facility being *renovated* or *demolished* must be inspected for the presence of asbestos-containing materials (ACM) prior to beginning the renovation or demolition project.
- The inspector must be asbestos-inspector certified through the Wisconsin Department of Health and Family Services (DHFS). For more information on the Certification Program see: http://dhfs.wisconsin.gov/dph_boh/Asbestos/Cert/Index.htm

NOTIFY THE STATE

- A "Notification of Demolition and/or Renovation" form (Form 4500-113) must be submitted in accordance with the following:
 - In a facility being *demolished*, a "Notification of Demolition and/or Renovation" form must be submitted to the Department ten working days prior to beginning any demolition activity. A Notification is required regardless of whether or not asbestos is present.
 - In a facility being *renovated*, where more than 160 square feet of regulated asbestos-containing material (RACM) or more than 260 linear feet of RACM will be disturbed, a Notification must be submitted to the Department ten (10) working days prior to beginning the renovation.
 - A Notification must also be submitted to DHFS for all projects involving the removal of ACM, regardless of category and quantity.

The Notification of Demolition and/or Renovation" form (Form 4500-113) can be found at: <http://www.dnr.state.wi.us/org/aw/air/reg/asbestos/asbes8a.htm>

REMOVAL

- All RACM that would be disturbed as part of a renovation or demolition must be properly removed before beginning the project. RACM includes all friable ACM and nonfriable ACM that will be crumbled, pulverized or reduced to powder during the project.
- The individuals removing ACM must be certified through the Wisconsin DHFS.

DISPOSAL

- All asbestos-containing waste material must be properly disposed of in leak-tight containers at a landfill approved to accept asbestos.
- All asbestos-containing waste containers must be labeled with the name of the waste generator and location at which the waste was generated, in addition to OSHA labeling standards.



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Several definitions from the National Emission Standards for Hazardous Air Pollutants (NESHAP) are provided to assist in determining applicability of the regulation.

Definitions:

Facility: Means any institutional, commercial, public, industrial, or residential structure, installation, or building, including any structure, installation, or building containing condominiums or individual dwelling units operated as a residential cooperative, *but excluding a single, isolated residential building having four or fewer dwelling units.* (All structures demolished by fire training are regulated.)

Demolition: Means the wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of any facility.

Renovation: Means altering a facility or one or more facility components in any way, including the stripping or removal of RACM from a facility component.

Category I Nonfriable Asbestos-Containing Material: Means asbestos containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos...

Category II Nonfriable Asbestos-Containing Material: Means any material, excluding Category I nonfriable material, containing more than 1% asbestos ... that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or by mechanical forces expected to act on the material.

Friable Asbestos Material: Means any material containing more than 1% asbestos... that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated Asbestos-Containing Material: Means (a) friable asbestos material, (b) Category I nonfriable asbestos-containing material that has become friable, or has been subjected to sanding, grinding, cutting or abrading, (c) Category II nonfriable asbestos-containing material that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations...

The above identified requirements are contained in Chapter NR 447 of the Wisconsin Administrative Code. Failure to comply with these requirements may result in enforcement action up to and including fines and penalties.

For questions, please contact the DNR's Asbestos Coordinator at (608) 266-3658.

DISCLAIMER—This document is intended solely as guidance and does not contain any mandatory requirements except where requirements found in statute or administrative rule are referenced. This guidance does not establish or affect legal rights or obligations and is not finally determinative of any of the issues addressed. This guidance does not create any rights enforceable by any party in litigation with the State of Wisconsin or the Department of Natural Resources. Any regulatory decisions made by the Department of Natural Resources in any matter addressed by this guidance will be made by applying the governing statutes and administrative rules to the relevant facts.



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